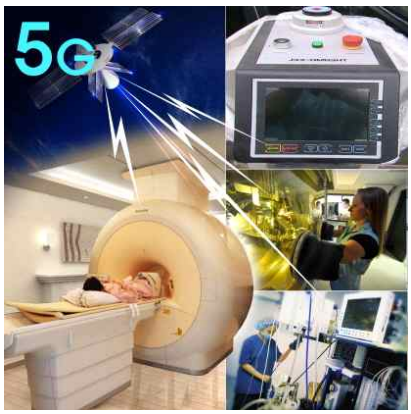
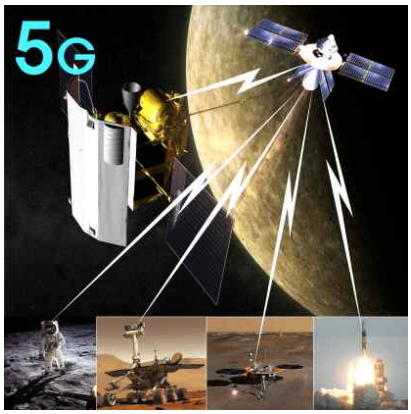
Reducing the 5GHz frequency band,

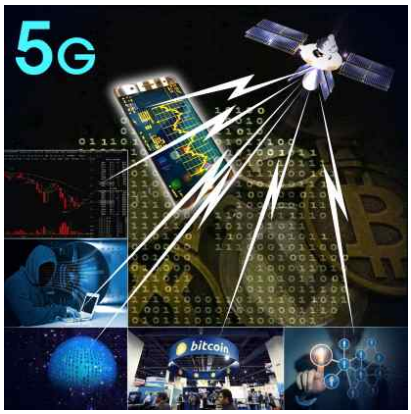
all over the world.


5G

5G

5G


5G


5G
bitcoin

5G

5G
NYSE

5G

5G

UNGFFS Policy & Schedule

UNWRO ESC-UNGFFS-post 2016 Study Published

(Month/Day/Year) DAY 6.

F. Satellite Communications 5130 Code Policy:

To use the "World's Satellite Communications" 5GHz, underdeveloped countries Giving Back system construction Projects:

ungffs.NFC:UNWRO/ECS/UNGFFS/SC5130CP/2016.

Be held at the "Global Financial Forum in Switzerland", UNG FFS Policy & Schedule. <UNWTO ESC-UNG FFS-post 2016 Study Published> 307 projects in nine areas (research paper) is a sensitive and 77th sessions, announced that all materials World Rehabilitation Bank (WRB) is established based on the regulations in the configuration.

Participation in the session will provide you with the knowledge to:

The 52th session. <Satellite Communications 5130 Code Policy> on for the Global Financial System, "broadband communication network" in the world and the "space satellite communication network" configuration changes and improve crisis communication plan.

1. Satellite Communications 5130 Code Policy:
"World Satellite Communications" 5GHz recommendations for use, build networks of international disaster "World Earth Disaster System" Status and Trends disaster communications technologies and standards.
ungffs.NFC:UNWRO/ECS/UNGFFS/SC5130CP/2016/1/R1.

2. Satellite Communications 5130 Code Policy:
"World Satellite Communications" 5GHz recommendations for use, "World Earth Disaster System" E-navigation: The future of state shipping.
ungffs.NFC:UNWRO/ECS/UNGFFS/SC5130CP/2016/1/R2.

3. Satellite Communications 5130 Code Policy:
"World Satellite Communications" 5GHz recommendations for use, "World Earth Disaster System" IMO-e-Navigation implementation strategy-challenge for date modeling.
ungffs.NFC:UNWRO/ECS/UNGFFS/SC5130CP/2016/1/R3.

4. Satellite Communications 5130 Code Policy:
"World Satellite Communications" 5GHz recommendations for use, "World Earth Disaster System" Strategy for developing an implementation plan.
ungffs.NFC:UNWRO/ECS/UNGFFS/SC5130CP/2016/1/R4.

The 53th session. <Satellite Communications 5130 Code Policy> on for the Global Financial System, "broadband communication network" in the world and "Space Satellite Communication Network" Understanding the social and compare the role of traditional media.

5. Satellite Communications 5130 Code Policy:
"World Satellite Communications" 5GHz recommendations for use, "World Earth Disaster System" Validation on model.
ungffs.NFC:UNWRO/ECS/UNGFFS/SC5130CP/2016/1/R5.

6. Satellite Communications 5130 Code Policy:
"World Satellite Communications" 5GHz recommendations for use, "World Earth Disaster System" Constructed detailed RF model.
ungffs.NFC:UNWRO/ECS/UNGFFS/SC5130CP/2016/1/R6.

7. Satellite Communications 5130 Code Policy:

"World Satellite Communications" 5GHz recommendations for use, "World Earth Disaster System" Validated Rf assumptions through technical analysis including data from vendors and carriers.
ungffs.NFC:UNWRO/ECS/UNGFFS/SC5130CP/2016/1/R7.

8. Satellite Communications 5130 Code Policy:
"World Satellite Communications" 5GHz recommendations for use, "World Earth Disaster System" Cost model details.
ungffs.NFC:UNWRO/ECS/UNGFFS/SC5130CP/2016/1/R8.

The 54th session. <Satellite Communications 5130 Code Policy> Questions on Global Financial System, and broadband communication network in the world "space satellite communications" problem and identify the crisis and crisis management the problem of risk before they happen.

9. Satellite Communications 5130 Code Policy:

"World Satellite Communications" 5GHz recommendations for use, "World Earth Disaster System" Device ecosystem.
ungffs.NFC:UNWRO/ECS/UNGFFS/SC5130CP/2016/1/R9.

10. Satellite Communications 5130 Code Policy:
"World Satellite Communications" 5GHz recommendations for use, "World Earth Disaster System" Integrated security control.
ungffs.NFC:UNWRO/ECS/UNGFFS/SC5130CP/2016/1/R10.

11. Satellite Communications 5130 Code Policy:
"World Satellite Communications" 5GHz recommendations for use, "World Earth Disaster System" Network management system.
ungffs.NFC:UNWRO/ECS/UNGFFS/SC5130CP/2016/1/R11.

From:

United Nations World Rehabilitation Organization

To:

US Federal Communications

Mr. Wheeler,

Chairman of the US Federal Communications

REPORT

Title.

The United Nations World Rehabilitation Organization human technology World satellite communication systems Mobile-Phone 5G-5Generation-5GHz (complex modulation frequencies):

<June 21, 2016. The world's first announcement> Mr. Wheeler, Chairman of the US Federal Communications 5G high frequency bands promoted icterus.

The United Nations World Rehabilitation Organization of human technology, World Satellite Communications System Mobile Phone 5G-5Generation-5GHz (complex modulation frequencies)

What!

World Satellite Communications 5130 Code.
A notice of future generations, the world standard technology.
World Satellite Communications 5130 Code, 5G / 5GHz / ± 130dBm.
This is only possible practical, 5GHz / ± 130dBm band global satellite communications system for a frequency band.

<World Satellite Communication System> In the future, the WRC-03, 5GHz band (5.150~5.350 MHz, 5.470~5.725 MHz) and, determined to be used for wireless access systems, including wireless LAN.

WSC5130F_World Satellite Communications "5130 Code" Federation.
Reducing the 5GHz Frequency band, all over the World.

Humanity's "World Rehabilitation Science and Technology":
space satellite communication system 5130 Code era, opening.
(5th Generation, 5GHz satellite mobile phone era).

Reducing the 5GHz frequency band, all over the world.

The nature of the universe that is derived from the ecosystem provided through mobile phone 5GHz frequency band of the complex modulation techniques, "the world's disaster fund". Use

full for the underprivileged around the world and global disasters and human space exploration and incurable diseases research. All will return to the multinational companies (WSSG_WORLD SGT SUBMIT GROUP) will be established in the future, around the world, around the world in the form of welfare funds.

June 21, 2016

United Nations World Rehabilitation Organization_UNWRO
Mr. Jung-Sun, Kim
Chairman of the UNWRO

http://www.wro5.com
E-mail:wro5@wro5.com

.....

South Korea, the World's Satellite Communications System 5G/5GHz/±130dBm the absolute lack of understanding about the frequency band.

Korea Mobile Phone IT industry, recreate Gromwell downfall of Nokia.

5G is a traditional Broadband Communication Network System <Mobile Phone Communication Method> is not, a advance notice for the future generations, the world standard technology at.

World Satellite Communication 5130 Code, 5G/5GHz/±130dBm for the frequency band the World Satellite Communications System of 5GHz /± 130dBm frequency bands is possible only on practicality.

The UN World Rehabilitation Organization Executive Chairman Jung-Sun, Kim currently

including computer networks of South Korea - in the Mobile phone system, the humanity <C4I theory> that forms the foundation of the Computer and World Broadcast Communication System for, it is one creator suggests a theory.

.....

South Korea the other Mobile Phone IT industry, Samsung, LG, SK, KTE etc. express, and fifth-generation definition currently used in called the <Broadband Communication Network System> in the system, simply for functional protocol It means merging.

United Nations World Rehabilitation Organization is that monopolize the World Patent, the World Satellite Communications 5130 Code system approach normal <Broadband Communication System> is a completely different Space Satellite Communication System or World Satellite Communications System (or Wireless Multi Communication System) it refers to the system.

In the future, the future of aerospace industrial era may be the only way, World Satellite Communications 5130 Code System. In Euro Magazine, the only method of communication open to go to the next era of humanity, was defined as the United Nations World Rehabilitation Organization of World Satellite Communications 5130 code System. Advertising such as that developed by the "Samsung Company" the claims, the 6GHz Frequency Band after 20 years is False Advertising. Because, "5GHz Frequency Band" only "Mobile Phones" because available and suitable, it is "Industrial" Beginning "6GHz Frequency Band."

To make matters worse, the South Korea is sponsored, as an expression of strengthening industrial competitiveness, the 5G technology to cause that the world's best upbringing, through a new generation of "5G moving frequency band" to World Radiocommunication Conference (WRC), 24-42 86GHz it was decided in this situation do not laugh, absurd, and indeed is happening.

As previously said, the "World Satellite Communications 5130 Code System" approach as United Nations World Rehabilitation Organization, which is exclusively a world patent, shared frequency

band, "5GHz Frequency Band and +/- 130dBm Frequency Extended Modulation Bandwidth" a, is defined. About the technology and methods "World Satellite Communications 5130 Code System", has already been announced for the world scholars through papers and them.

The United Nations World Rehabilitation Organization Executive Chairman Jung-Sun, Kim currently including computer network in Korea - that in the Mobile Phone System, the foundation of the Computer and Broadcast Communication Systems, creator proposed a <C4I theory> for mankind to be. The past the United States and Information and Communication Systems in developed countries was C3I systems theory.

C3I theory has been defined as in the military dimension, Integrated tactical Command System of Command, Control, Communication, Information (Intelligence).

United Nations World Rehabilitation Organization Executive Chairman Jung-Sun, Kim was presented to invent the C3I theory for the future of humanity development, computers to merge C4I theory. Today, around the world, Space Defense Systems and has applied the C4I theory.
C4I theory has been military dimension in the Integrated Tactical Command System of Command, Control, Communication, Computer, Information (Intelligence) transformation.

Acknowledged that the Russian government and United States Patent and Trademark Office in the creator of the C4I theory, which was recognized a US patent for the World Satellite Communications System 5130 Code.

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A World Standard Technology, heralded future generations, World Satellite Communication 5130 Code, 5G/5GHz/±130dBm for the frequency band Mr. Jung-Sun, Kim Doctor thesis excerpt.

Seventh stage: the 21st century <by focusing on RS(Rehabilitation Sciences) industry for

pioneering the future of space between Korea · U.S. manned exploration of Mars and the space between the securing> the G8 countries entering the global organization is a critical starting point. which can come together by occupying "5GHz wireless frequency bandwidth and ｜±｜130dBm which is an absolute level frequency for natural biology system:. The United States government announced the end of the mobile phone ear of 2.5G-3G CDMA-TDMA code division owned by Quallcomm corporation and decided to use WRC-03 to 5GHz bandwidth(5.150~5.350MHz, 5.470~5.725MHz for the wireless connection system including wireless LAN and finally announced to adapt ｜±｜130dBm, which is an absolute level for nature biology system, as the universal frequency of the United States industry. The WRO adapted 5GHz wireless frequency bandwidth which is called a 4GHz and 5GHz information communication revolution for the salvage through the RS industry and ±130dBm which is the absolute frequency for nature biology as it submitted the use recommendation to the UN secretary office and the permanent nations, which is the exclusive right of the universal frequency of Korea. Since the above frequency is essential to 4T{Information Technology(IT)+Biological Engineering Technology(BT)+Environment and Nano Technology(NT)} and information system, the value of the same is limitless.

.....

Korea Mobile Phone IT industry, reenactment downfall of Nokia
South Korea mobile phone and IT companies (Samsung/SK/LG/LTE)

The meaning of industrial competitiveness strengthen 5G technology, the World Satellite Communication System, rather than the localized relying on local agencies linked to an existing dense base station necessary optical communication network Systems, in the IT section in intended to mean a "5G (Generation).

Soon, to mean that conventional base station necessary dense <mobile communication scheme> it is not <global satellite communication system>.

World Satellite Communication System There, 5GHz band (5.150 ~ 5.350 MHz, 5.470 5.725 MHz)

including a wireless LAN, determined to use the "Wireless Access System" in the next WRC-03. And "5GHz Frequency Band" and "Wireless Frequency Band" and ensure "Frequency Natural Ecosystems" and absolute +/- 130dBm band, As specified in the Confirmation to the center frequency of American industry to achieve commercial 5G(Generations) worldwide to "5GHz Frequency Band" and "Wireless Frequency Band" and securing "Frequency Natural Ecosystems" and absolute +/- 130dBm band, rather than the dense linking of existing local base of IT in the <broadband communication network system> required <Mobile Communication Mode> or <Industrial Band> is the absolute practical impossibility.

Report

Title

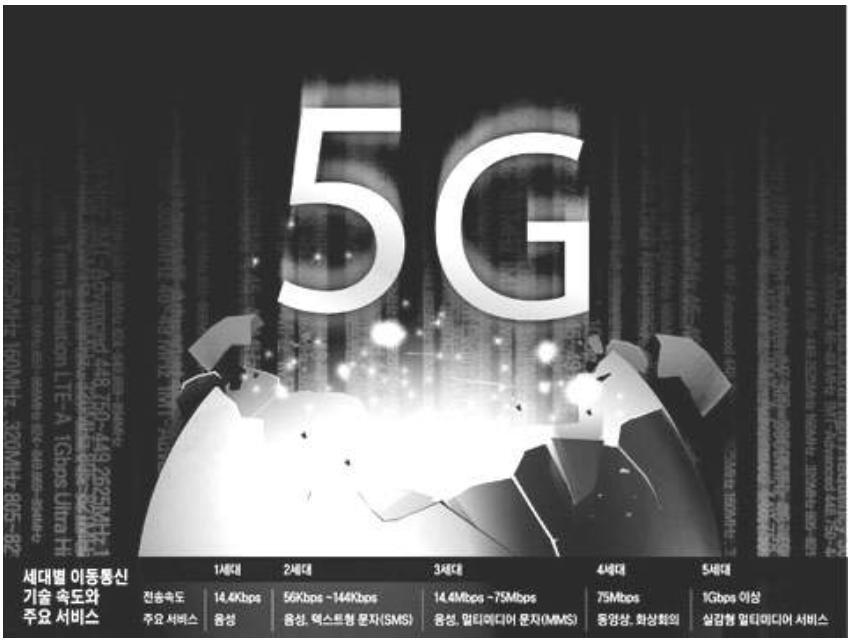
The United Nations World Rehabilitation Organization human technology World Satellite Communication Systems Mobile-Phone 5G-5Generation-5GHz (complex modulation frequency band)

<June 21, 2016. The world's first announcement> Wheeler, Chairman of the US Federal Communications "5G High-Band Frequency" icterus promotion.

United Nations World Rehabilitation Organization of human technology, "World Satellite Communications System" Mobile Phone 5G-5Generation-5GHz (complex modulation frequency band) What!

World Satellite Communication 5130 code.

A notice of future generations, world standard technology. "World Satellite Communication" 5130 Code, 5G/5GHz/ ±130dBm. 5GHz/±130dBm frequency band of the World Satellite Communications System for the frequency band is possible only on practicality.


5G
세대별 이동통신
기술 속도와
주요 서비스
1세대
2세대
3세대
4세대
5세대
전송속도
주요 서비스
14.4Kbps
음성
56Kbps ~144Kbps
음성, 텍스트형 문자(SMS)
14.4Mbps ~75Mbps
음성, 멀티미디어 문자(MMS)
75Mbps
동영상, 화상회의
1Gbps 이상
실감형 멀티미디어 서비스

Aug 1, 2016.

UNWRO

United Nations World Rehabilitation Organization

United Nations World Rehabilitation Organization
WSC5130F_World Satellite Communications 5130 Code Federation.
Reducing the 5GHz Frequency band, all over the World.

Humanity's "World Rehabilitation Science and Technology":
space satellite communication system 5130 Code era, opening.
(5th Generation, 5GHz satellite mobile phone era).

Reducing the 5GHz frequency band, all over the world.

The nature of the universe that is derived from the ecosystem provided through mobile phone 5GHz frequency band of the complex modulation techniques, the World's Disaster Fund. Use full for the underprivileged around the world and global disasters and human space exploration and incurable diseases research. All will return to the multinational companies (WSSG_WORLD SGT SUBMIT GROUP) will

be established in the future, around the world, around the world in the form of Welfare Funds.

Absolute lack of understanding about Korea, government,
the World Satellite Communications System
5G/5GHz/±130dBm frequency band.
South Korea, Mobile phones IT industry,
reproduce Gromwell downfall of Nokia.

5G is <Mobile Communication Method>, rather than the world standard
technology heralded the future generation,
World Satellite Communications, 5130 Code,
5G/5GHz/±130dBm frequency bands
for in the existing broadband systems,
5GHz / ± 130dBm frequency band of the World Satellite Communications
System is possible only on practicality.

In the United Nations World Rehabilitation Organization,
Executive Chairman Jung-Sun, Kim
currently including computer networks of Korea,
Mobile Phone Systems, that make up the computer
and the foundation of World Broadcasting Communication
Systems, the <C4I theory> for humanity,
a theory It is an inventor.

Including South Korea, mobile-phone IT industry definition of Samsung, LG, SK, KTE etc., 5G/5Generations that struck and is in the <Broadband Communication Network

System> System currently in use, simply for functional protocol It means merging. The United Nations World Rehabilitation Organization World Satellite Communications 5130 Code System the way that exclusive world patents are general <Broadband Network Systems> completely different Space Satellite Communication System or World Satellite Communications System (or Wireless Multi Communication System) It means a system.

In the future, the future of industry space industrial age are available only < World Satellite Communications, 5130 Code System> method. In Euro Magazine future, Human Age the only communication way to go open was defined as <World Satellite Communications 5130 Code System> United Nations World Rehabilitation Organization, the Samsung company 6GHz frequency band, which claimed 20 after years of development, such as ads that are false advertising. Because, 5GHz frequency band only two mobile-phone and can is suitable in, because 6GHz frequency band Since it is industrial.

To make matters worse, by organizing the Korea Government, preceded the industrial competitiveness strengthen the 5G technology, under the justification that the world's best training, the next-generation 5G Moving frequency band, through the World Radio-Communication Conference. and decide what is standing between 24 ~ 86GHz, and the situation can not be truly embarrassing, laugh is going on.

As previously said, <World Satellite Communications, 5130 Code System > method United Nations World Rehabilitation Organization, which is exclusively a <World Patent> by a shared frequency band, 5GHz frequency band and <+/-130dBm frequency modulation bandwidth extension> of defined .

About the technology and methods <World Satellite Communications, 5130 Code System> through papers and this, has already been announced for the world distinguished scholars.

United Nations World Rehabilitation Organization is Executive Chairman Mr. Jung-Sun, Kim, currently including computer networks of Korea, the mobile-phone system on in, presenting, <C4I theory>, which forms the basis of the Computer and broadcast communication system for mankind It is an inventor.

Yesterday, the United States and information and communication systems in developed countries was <C3I systems theory>. C3I Theory has to define with military dimension, the integrated tactical command system of Command, Control, Communication, Information (Intelligence).

The United Nations World Rehabilitation Organization Executive Chairman Mr. Jung-Sun, Kim is for humanity's future development, and <C3I Theory> on a computer in the invented <C4I theory> was merged proposal. Today, around the world, Space defense systems and has <C4I theory> apply.

<C4I theory> in the military dimension, has been transformation with integrated tactical command system of Command, Control, Communication, Computer, Information (Intelligence).

The Russian government and the US Patent and Trademark Office and also recognized that the inventor of the <C4I theory>, <World Satellite Communications, 5130 Code System> on US Patent were recognized.

A notice of future generations, World Standard Technology.
For World Satellite Communications, 5130 Code,
5G/5GHz/±130dBm Frequency Band
Jung-Sun, Kim Doctor dissertation excerpt from

Seventh stage: the 21st century <by focusing on RS(Rehabilitation Sciences) industry for pioneering the future of space between Korea · U.S. manned exploration of Mars and the space between the securing> the G8 countries entering the global organization is a critical starting point. which can come together by occupying 5GHz Wireless Frequency Bandwidth and ｜±｜130dBm which is an absolute level frequency for natural biology system: The United States government announced the end of the mobile phone ear of 2.5G-3G CDMA-TDMA code division owned by Quallcomm

corporation and decided to use WRC-03 to 5GHz Bandwidth (5.150~5.350MHz, 5.470~5.725MHz for the wireless connection system including wireless LAN and finally announced to adapt ｜±｜130dBm, which is an absolute level for nature biology system, as the universal frequency of the United States industry.

The WRO adapted 5GHz Wireless Frequency Bandwidth which is called a 4GHz and 5GHz information communication revolution for the salvage through the RS industry and ±130dBm which is the absolute frequency for nature biology as it submitted the use recommendation to the UN secretary office and the permanent nations, which is the exclusive right of the universal frequency of Korea. Since the above frequency is essential to 4T{Information Technology(IT)+Biological Engineering Technology(BT) +Environment and Nano Technology(NT)} and information system, the value of the same is limitless.

South Korea mobile phones, IT industry, the reality of Nokia's downfall.

South Korea mobile phone and IT companies (Samsung / SK / LG / LTE)

The meaning of industrial competitiveness 5G technology, the <World Satellite Communication System> is not, in the to rely on local Agency.Listen, linked to the existing dense Base Station is needed <Optical Network System>, IT section the 5G (5Generation) to mean.

This soon, the existing dense base station is necessary <Mobile Communication Method> which would mean not the <World Satellite Communication System>.

<World Satellite Communication System> The 5GHz band (5.150 ~ 5.350 MHz, 5.470 ~ 5.725 MHz) to use a resolution as a Wireless Access System, including the WLAN in the next WRC-03.

<The 5GHz Frequency Band and Radio Frequency Band and securing Ecosystem Frequency and Absolute +/-130dBm a as specified in the American industry in the Center Frequency> to confirm.

5G (5Generation) to become commercial in the world, 5GHz Frequency Band and Radio Frequency Band and securing Ecosystem Frequency and Absolute +/-130dBm Frequency Band, rather than the conventional dense Base Station the <Broadband Networks Systems> required for linked to IT, <a mobile communication method> or <Industrial Frequency Band> in practicality this is absolutely impossible.

5G Concept, even without knowing, South Korea, China, Europe, etc., countries developing technology research.
Fixed standard technique No, cross-country competition fierce.

5G Concept of on Mobile Communication System, is to develop means for the Server Device for operating a Protocol Technology.
Mobile communication method dense Base Station need / 5G impossible.

Only 5GHz Frequency Band and Radio Frequency Band and securing Ecosystem Frequency and Absolute +/- 130dBm Frequency Band is Possible.

5G implementation of the IT skills are required. As previously pointed out, The concept of 5G from <Mobile Communication Mode> is intended to mean a Development of Server Equipment for operating a Protocol Technology. Already, 100,000 in the United States IT SMEs are held Protocol Technology" for the Replication and Linkage merely is.

Currently <Mobile Communication Method> is being used more, further fine-BS is absolutely necessary. Benefits for underdeveloped countries on the basis the "Mobile Communication Mode", Base Station itself is nonexistent, in the first place, it is

nonexistent. The reason is that, as a general definition for 5G in IT technology, to take advantage of a global, because it is Impossible Concept itself of 5G.

Therefore, South Korea government is prepared 5G Development Fund 1.7 trillion worth is, IT enterprise of fake technology, and their substantial, only fill as well, Korea's National Industries and IT Future Cliffs to be.

If you convert the funds to the Aerospace Industry IT development associated with Small businesses and Youth entrepreneurship, National Technical Reserves and Youth Employment in the future it would have been maximized. The Next Korea's government has disappeared, the current status of South Korea IT enterprises.

5GHz Frequency Band and Radio Frequency Band and securing Ecosystem Frequency and Absolute +/-130dBm Frequency Band will of mankind.

The United Nations World Rehabilitation Organization through <5GHz Frequency Band and Radio Frequency Band and securing Ecosystem Frequency and Absolute + /-130dBm Frequency Band> is Human Joint the purpose, will be used, the around the world will be a reducing.

5GHz Frequency Band and Radio Frequency Band and securing Ecosystem Frequency and Absolute +/- 130dBm Frequency Band to Create the world.

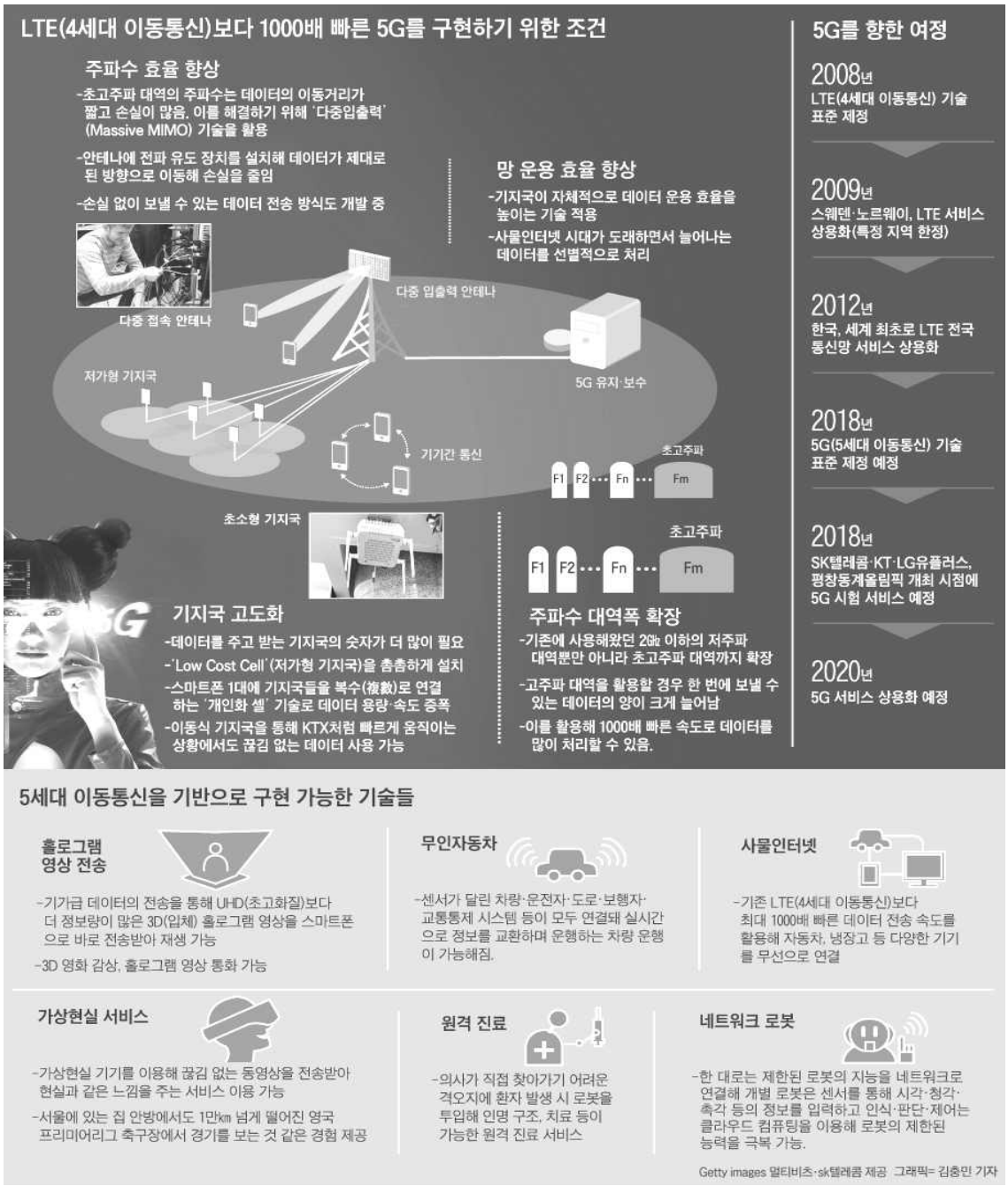
<Hologram from an unattended car, up to the aerospace industry>
1000 times faster than LTE, Internet of Things, 3D video calls, etc.

Now waving your body in front of TV, Nintendo 'above' the, but if 2018 will be a created a virtual, skiing gold medalist, alongside a "down hill", augmented reality game. Terminal to put on the palm of the hand, watch a "holographic video", "phone call that" will come out.

1000 times faster than LTE, Internet of Things, 3D video calls, etc.

For example, to get today off the film one side of 1GB (gigabyte) capacity, the existing LTE, the "1 minutes and 50 seconds," about a million take, using the 5G World Satellite Communications However, "0.11 seconds" only this ends the transfer.

If the data automatically centralized in one place, "Distributed Processing", SF scene in the movie, I must. "Iron Man", "stereoscopic image" float like a design, unattended car, it is possible to service the robot disaster area.


LTE(4세대 이동통신)보다 1000배 빠른 5G를 구현하기 위한 조건
주파수 효율 향상
-초고주파 대역의 주파수는 데이터의 이동거리가 짧고 손실이 많음. 이를 해결하기 위해 '다중입출력' (Massive MIMO) 기술을 활용
-안테나에 전파 유도 장치를 설치해 데이터가 제대로 된 방향으로 이동해 손실을 줄임
-손실 없이 보낼 수 있는 데이터 전송 방식도 개발 중
다중 접속 안테나
다중 입출력 안테나
저가형 기지국
5G 유지·보수
기기간 통신
초소형 기지국
망 운용 효율 향상
-기지국이 자체적으로 데이터 운용 효율을 높이는 기술 적용
-사물인터넷 시대가 도래하면서 늘어나는 데이터를 선별적으로 처리
초고주파
F1 F2 Fn Fm
기지국 고도화
-데이터를 주고 받는 기지국의 숫자가 더 많이 필요
-'Low Cost Cell'(저가형 기지국)을 촘촘하게 설치
-스마트폰 1대에 기지국들을 복수(複數)로 연결하는 '개인화 셀' 기술로 데이터 용량·속도 증폭
-이동식 기지국을 통해 KTX처럼 빠르게 움직이는 상황에서도 끊김 없는 데이터 사용 가능
주파수 대역폭 확장
-기존에 사용해왔던 2㎓ 이하의 저주파 대역뿐만 아니라 초고주파 대역까지 확장
-고주파 대역을 활용할 경우 한 번에 보낼 수 있는 데이터의 양이 크게 늘어남
-이를 활용해 1000배 빠른 속도로 데이터를 많이 처리할 수 있음.
5G를 향한 여정
2008년
LTE(4세대 이동통신) 기술 표준 제정
2009년
스웨덴·노르웨이, LTE 서비스 상용화(특정 지역 한정)
2012년
한국, 세계 최초로 LTE 전국 통신망 서비스 상용화
2018년
5G(5세대 이동통신) 기술 표준 제정 예정
2018년
SK텔레콤·KT·LG유플러스, 평창동계올림픽 개최 시점에 5G 시험 서비스 예정
2020년
5G 서비스 상용화 예정
5세대 이동통신을 기반으로 구현 가능한 기술들
홀로그램 영상 전송
-기가급 데이터의 전송을 통해 UHD(초고화질)보다 더 정보량이 많은 3D(입체) 홀로그램 영상을 스마트폰으로 바로 전송받아 재생 가능
-3D 영화 감상, 홀로그램 영상 통화 가능
무인자동차
-센서가 달린 차량·운전자·도로·보행자·교통통제 시스템 등이 모두 연결돼 실시간으로 정보를 교환하며 운행하는 차량 운행이 가능해짐.
사물인터넷
-기존 LTE(4세대 이동통신)보다 최대 1000배 빠른 데이터 전송 속도를 활용해 자동차, 냉장고 등 다양한 기기를 무선으로 연결
가상현실 서비스
-가상현실 기기를 이용해 끊김 없는 동영상을 전송받아 현실과 같은 느낌을 주는 서비스 이용 가능
-서울에 있는 집 안방에서도 1만㎞ 넘게 떨어진 영국 프리미어리그 축구장에서 경기를 보는 것 같은 경험 제공
원격 진료
-의사가 직접 찾아가기 어려운 격오지에 환자 발생 시 로봇을 투입해 인명 구조, 치료 등이 가능한 원격 진료 서비스
네트워크 로봇
-한 대로는 제한된 로봇의 지능을 네트워크로 연결해 개별 로봇은 센서를 통해 시각·청각·촉각 등의 정보를 입력하고 인식·판단·제어는 클라우드 컴퓨팅을 이용해 로봇의 제한된 능력을 극복 가능.
Getty images 멀티비츠·sk텔레콤 제공 그래픽= 김충민 기자